

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:48:33 ; Search time 2351.15 Seconds

(without alignments)
168.399 Million cell updates/sec

Title: US-09-851-670-3

Perfect score: 24

Sequence: 1 tgcgtgctgcgtgcgtgcgaag 24

Scoring table: IDENTITY_NUC

Searched: 1472140 seqs, 8248589755 residues

Total number of hits satisfying chosen parameters: 586436

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%

Maximum Match 100%

Database :

Listing first 45 summaries

GenEmbl:*

1: gb_ba:*

2: gb_htg:*

3: gb_in:*

4: gb_om:*

5: gb_ov:*

6: gb_pat:*

7: gb_ph:*

8: gb_pl:*

9: gb_pr:*

10: gb_ro:*

11: gb_sts:*

12: gb_sy:*

13: gb_un:*

14: gb_vl:*

15: em_da:*

16: em_fun:*

17: em_hum:*

18: em_in:*

19: em_om:*

20: em_or:*

21: em_ov:*

22: em_pat:*

23: em_ph:*

24: em_pl:*

25: em_ro:*

26: em_sts:*

27: em_sy:*

28: em_un:*

29: em_vl:*

30: em_htgo_hum:*

31: em_htgo_inv:*

32: em_htgo_rtd:*

33: em_htg_hum:*

34: em_htg_inv:*

35: em_htg_rtd:*

36: em_htg_other:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	15	62.5	30	6	AR028315
C 2	14.4	60.0	43	6	AR127611
C 3	14.4	60.0	43	6	AR127611 Sequence
C 4	14.4	60.0	43	6	AR127611 Sequence
C 5	14.2	59.2	31	6	AR156621
C 6	14	58.3	20	6	AR076671
C 7	14	58.3	20	6	AR17140
C 8	14	58.3	20	6	AR156473
C 9	14	58.3	51	6	AR165769
C 10	14	58.3	60	6	AR125910
C 11	14	58.3	60	6	AR124277
C 12	13.6	56.7	20	6	AR003425
C 13	13.6	56.7	26	6	AR022850
C 14	13.6	56.7	26	6	E35607
C 15	13.6	56.7	27	6	AR057690
C 16	13.6	56.7	30	6	AR006879
C 17	13.6	56.7	42	6	AR5642
C 18	13.6	56.7	43	6	AR065302
C 19	13.6	56.7	45	6	AR5643
C 20	13.6	56.7	45	6	AR065303
C 21	13.6	56.7	51	6	AR015973
C 22	13.6	56.7	51	6	AR050902
C 23	13.6	56.7	51	6	I33402
C 24	13.6	56.7	52	6	AR064675
C 25	13.6	56.7	52	6	AR080569
C 26	13.6	56.7	52	6	AR086623
C 27	13.6	56.7	52	6	AR086740
C 28	13.6	56.7	52	6	I56808
C 29	13.6	56.7	53	6	AR103065
C 30	13.6	56.7	53	6	AR103067
C 31	13.6	56.7	53	6	AR151993
C 32	13.6	56.7	54	6	AR073761
C 33	13.6	56.7	54	6	AR084804
C 34	13.6	56.7	54	6	AR116801
C 35	13.6	56.7	54	6	AR119662
C 36	13.6	56.7	54	6	AR142415
C 37	13.6	56.7	54	6	AR142416
C 38	13.6	56.7	54	6	AR142417
C 39	13.6	56.7	55	6	AR012115
C 40	13.6	56.7	56	6	AR014554
C 41	13.6	56.7	56	6	AR028517
C 42	13.6	56.7	57	6	AR004967
C 43	13.6	56.7	57	6	AR035141
C 44	13.6	56.7	57	6	AR044092
C 45	13.6	56.7	57	6	AR064673

ALIGNMENTS

RESULT 1

AR028315/c

LOCUS AR028315 30 bp DNA

DEFINITION Sequence 25 from patent US 5858662.

ACCESSION AR028315

VERSION AR028315.1 GI:5940288

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

REFERENCE 1 (bases 1 to 30)

AUTHORS Keating, M.T. and Morris, C.A.

TITLE Diagnosis of Williams syndrome and Williams syndrome cognitive profile by analysis of the presence or absence of a LIM-kinase gene

JOURNAL Patent: US 5858662-A 25 12-JAN-1999;

FEATURES Location/Qualifiers

source 1..30

/organism="unknown"

BASE COUNT 6 a 12 c 4 g 8 t

ORIGIN

29-SEP-1999

Query Match 62.5%; Score 15; DB 6; Length 30;
Best Local Similarity 78.3%; Pred. No. 2.3e+04;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 1 tggctgtctgggagtcggaag 23
||||| ||||||| ||||
DB 28 TGCGTCTCCTGGGATGAGGAAG 6

RESULT 2
LOCUS AR127611/c 43 bp DNA PAT 16-MAY-2001
DEFINITION Sequence 29 from patent US 6180774.
ACCESSION AR127611
VERSION AR127611.1 GI:14114206
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 43)
AUTHORS Brown,S,Marie, Dean,D.Allen, Fromm,M,Ernest and Sanders,P,Rigden.
TITLE Synthetic DNA sequences having enhanced expression in monocotyledonous plants and method for preparation thereof
JOURNAL Patent: US 6180774-A 29 30-JAN-2001;
FEATURES Location/Qualifiers
source 1..43
BASE COUNT 11 a 21 c 2 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 43;
Best Local Similarity 75.0%; Pred. No. 4.2e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctgggagtcggaag 24
||||| ||||||| |||||
DB 25 TGCGTATTTGGAGGACGGAATG 2

RESULT 3
LOCUS I75280/c 43 bp DNA PAT 03-APR-1998
DEFINITION Sequence 29 from patent US 5689052.
ACCESSION I75280
VERSION I75280.1 GI:3011421
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 43)
AUTHORS Brown,S,Marie, Dean,D.Allen, Fromm,M,Ernest and Sanders,P,Rigden.
TITLE Synthetic DNA sequences having enhanced expression in monocotyledonous plants and method for preparation thereof
JOURNAL Patent: US 5689052-A 29 18-NOV-1997;
FEATURES Location/Qualifiers
source 1..43
BASE COUNT 11 a 21 c 2 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 43;
Best Local Similarity 75.0%; Pred. No. 4.2e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctgggagtcggaag 24
||||| ||||||| |||||
DB 25 TGCGTATTTGGAGGACGGAATG 2

RESULT 4
LOCUS AX162201/c 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 5529 from Patent WO0140521.
ACCESSION AX162201
VERSION AX162201.1 GI:14543532
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE 1 (bases 1 to 51)
AUTHORS Shinkets,R,A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and methods of use thereof
JOURNAL Patent: WO 0140521-A 5529 07-JUN-2001;
FEATURES Location/Qualifiers
source 1..51
misc_feature /organism="Homo sapiens"
/db_xref="taxon:9606"
26
/note="1 of 2 allelic variants (5530 is other entry)
Accession number C944004303"
BASE COUNT 11 a 19 c 12 g 9 t
ORIGIN

Query Match 60.0%; Score 14.4; DB 6; Length 51;
Best Local Similarity 75.0%; Pred. No. 4.1e+04;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 1 tggctgtctgggagtcggaag 24
||||| ||||||| |||||
DB 34 TGCGAGGTGTGGCGCTGCGCGGTG 11

RESULT 5
LOCUS AR156621/c 31 bp DNA PAT 08-AUG-2001
DEFINITION Sequence 12 from patent US 6242228.
ACCESSION AR156621
VERSION AR156621.1 GI:15125325
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 31)
AUTHORS Sugiyama,M., Tonouchi,N., Suzuki,S. and Yokozeki,K.
TITLE xyliol dehydrogenase of acetic acid bacteria and gene thereof
JOURNAL Patent: US 6242228-A 12 05-JUN-2001;
FEATURES Location/Qualifiers
source 1..31
BASE COUNT 6 a 12 c 7 g 6 t
ORIGIN

Query Match 59.2%; Score 14.2; DB 6; Length 31;
Best Local Similarity 84.2%; Pred. No. 5.4e+04;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5 tggctgtctgggagtcggaag 23
||||| ||||||| |||||
DB 22 TGCTCGGAGCTTGGGAG 4

RESULT 6
LOCUS AR076671/c 20 bp DNA PAT 30-AUG-2000
DEFINITION Sequence 36 from patent US 5959096.
ACCESSION AR076671
VERSION AR076671.1 GI:10003417

KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank and Dean,N.
TITLE Antisense oligonucleotides against human protein kinase C
JOURNAL Patent: US 5959096-A 36 28-SEP-1999;
FEATURES Location/Qualifiers
SOURCE 1..20
BASE COUNT 4 a 9 c 2 g 5 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 20;
100.0%; Pred. No. 7.2e+04;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctgctctggga 14
|||||
Db 19 TGGCTGCTCTGGGA 6

RESULT 7
LOCUS 187140 20 bp DNA PAT 10-JUN-1998
DEFINITION Sequence 36 from patent US 5703054.
ACCESSION 187140
VERSION 187140.1 GI:3206858
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.Frank and Dean,N.
TITLE Oligonucleotide modulation of protein kinase C
JOURNAL Patent: US 5703054-A 36 30-DEC-1997;
FEATURES Location/Qualifiers
SOURCE 1..20
BASE COUNT 4 a 9 c 2 g 5 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 20;
100.0%; Pred. No. 7.2e+04;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 tggctgctctggga 14
|||||
Db 19 TGGCTGCTCTGGGA 6

RESULT 8
LOCUS AX165473 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 668 from Patent W00138586.
ACCESSION AX165473
VERSION AX165473.1 GI:14546302
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0138586-A 668 31-MAY-2001;
Curagen Corporation (US)
FEATURES Location/Qualifiers
SOURCE 1..51

/organism="Homo sapiens"
/db_xref="taxon:9606"
26
variation
/note="single nucleotide polymorphism
Accession number C943942922"
BASE COUNT 10 a 24 c 8 g 9 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 51;
77.3%; Pred. No. 6.2e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gctgctgggagtcggaag 24
|||||
Db 25 GCTGCTCTGTGGAGGTGGAAG 4

RESULT 9
LOCUS AX165769 51 bp DNA PAT 22-JUN-2001
DEFINITION Sequence 964 from Patent W00138586.
ACCESSION AX165769
VERSION AX165769.1 GI:14546598
KEYWORDS
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 51)
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0138586-A 964 31-MAY-2001;
Curagen Corporation (US)
FEATURES Location/Qualifiers
SOURCE 1..51
BASE COUNT 11 a 23 c 7 g 10 t
ORIGIN

variation
/note="single nucleotide polymorphism
Accession number C943942922"
BASE COUNT 11 a 23 c 7 g 10 t
ORIGIN

Query Match
Best Local Similarity 58.3%; Score 14; DB 6; Length 51;
77.3%; Pred. No. 6.2e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 3 gctgctgggagtcggaag 24
|||||
Db 25 GCTGCTCTGTGGAGGTGGAAG 4

RESULT 10
LOCUS ARI25910 60 bp DNA PAT 16-MAY-2001
DEFINITION Sequence 252 from patent US 6177557.
ACCESSION ARI25910
VERSION ARI25910.1 GI:14111972
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 60)
AUTHORS Janjic,N.,Gold,L. and Tasset,D.
TITLE High affinity ligands of basic fibroblast growth factor and
thrombin
JOURNAL Patent: US 6177557-A 252 23-JAN-2001;
Curagen Corporation (US)
FEATURES Location/Qualifiers
SOURCE 1..60
/organism="unknown"

BASE COUNT 7 a 11 c 29 g 13 t
ORIGIN

Query Match 58.3%: Score 14; DB 6; Length 60;
Best Local Similarity 77.3%: Pred. No. 6.1e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 2 ggcgtgctggaatgctggaag 23
||||| ||| ||| ||| |||
Db 6 GCCTGGTAGGGAGGTTGGAG 27

RESULT 11

LOCUS 124277 60 bp DNA PAT 07-OCT-1996
DEFINITION Sequence 64 from patent US 5543293.
ACCESSION 124277
VERSION 124277.1 GI:1604147

KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 60)
AUTHORS Gold, L. and Tasset, D.

TITLE DNA ligands of thrombin
JOURNAL Patent: US 5543293-A 64 06-AUG-1996;
FEATURES Location/Qualifiers

source 1..60

BASE COUNT 7 a 11 c 29 g 13 t
ORIGIN

Query Match 58.3%: Score 14; DB 6; Length 60;
Best Local Similarity 77.3%: Pred. No. 6.1e+04;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 2 ggcgtgctggaatgctggaag 23
||||| ||| ||| ||| |||
Db 6 GCCTGGTAGGGAGGTTGGAG 27

RESULT 12

LOCUS AX003425 20 bp DNA PAT 07-SEP-2000
DEFINITION Sequence 5 from Patent WO928439.
ACCESSION AX003425
VERSION AX003425.1 GI:9927229

KEYWORDS
SOURCE B19 virus.
ORGANISM B19 virus.

REFERENCE 1 (bases 1 to 20)
AUTHORS Auguste, V., Garbarg-Chenon, A. and Nguyen, Q.T.
TITLE Erythrovirus and its applications

JOURNAL Patent: WO 928439-A 5 10-JUN-1999;
ASSIST PUBL HOPITAUX DE PARIS (FR); AUGUSTE VERONIQUE (FR); GARBARG
CHENON ANTOINE (FR); NGUYEN QUANG TRI (FR)

FEATURES Location/Qualifiers
source 1..20

BASE COUNT 3 a 1 c 10 g 6 t
ORIGIN /organism="B19 virus"
/db_xref="taxon:10798"

Query Match 56.7%: Score 13.6; DB 6; Length 20;
Best Local Similarity 80.0%: Pred. No. 1.1e+05;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1 tggcgtgctggaatgctg 20
| | | | | | | | | | | | | |

Db 1 TTGGTGTCTGGAGTGAAGC 20

RESULT 13

LOCUS AX022850 26 bp DNA PAT 07-SEP-2000
DEFINITION Sequence 3 from Patent EP0922771.
ACCESSION AX022850
VERSION AX022850.1 GI:10046343

KEYWORDS
SOURCE unidentified.
ORGANISM unidentified.

REFERENCE 1 (bases 1 to 26)
AUTHORS Groener, A.D. and Welner, T.D.
TITLE Method for the detection of large concentrations of a virus in
blood plasma and/or blood serum using the polymerase chain
reaction

JOURNAL Patent: EP 0922771-A 3 16-JUN-1999;
CENTEON PHARMA GMBH (DE)

FEATURES Location/Qualifiers

source 1..26

BASE COUNT 5 a 1 c 10 g 10 t
ORIGIN /organism="unidentified"
/db_xref="taxon:32644"

Query Match 56.7%: Score 13.6; DB 6; Length 26;
Best Local Similarity 80.0%: Pred. No. 1.1e+05;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 3 ggcgtgctggaatgctggaag 22
| | | | | | | | | | | | | |
Db 2 GCCTGTCTGGAGTGAAGC 21

RESULT 14

LOCUS E35607 26 bp DNA PAT 07-FEB-2001
DEFINITION Method for detecting high viral concentration in plasma and/or
serum by using polymerase chain reaction.

ACCESSION E35607
VERSION E35607.1 GI:13019101
KEYWORDS JP 1999225797-A/3.
SOURCE unidentified.

ORGANISM unidentified.
REFERENCE 1 (bases 1 to 26)
AUTHORS Thomas, V.A.G.G.

TITLE Method for detecting high viral concentration in plasma and/or
serum by using polymerase chain reaction
JOURNAL Patent: JP 1999225797-A 3 24-AUG-1999;
CENTEON PHARMA GMBH

COMMENT Unidentified
PN JP 1999225797-A/3
PD 24-AUG-1999

PR 27-NOV-1998 JP 199836431
PI 28-NOV-1997 DE 19752898:8
PC THOMAS VAIMA, ALBERECHT GROENER
CC C1201/68//C12N15/09, C12N15/00
CC Strandedness: Single;
CC Topology: linear;

FT Key
FT source 1..26
FT Location/Qualifiers

FEATURES Location/Qualifiers
source 1..26
/organism="unidentified"
/db_xref="taxon:32644"

BASE COUNT 5 a 1 c 10 g 10 t
ORIGIN

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